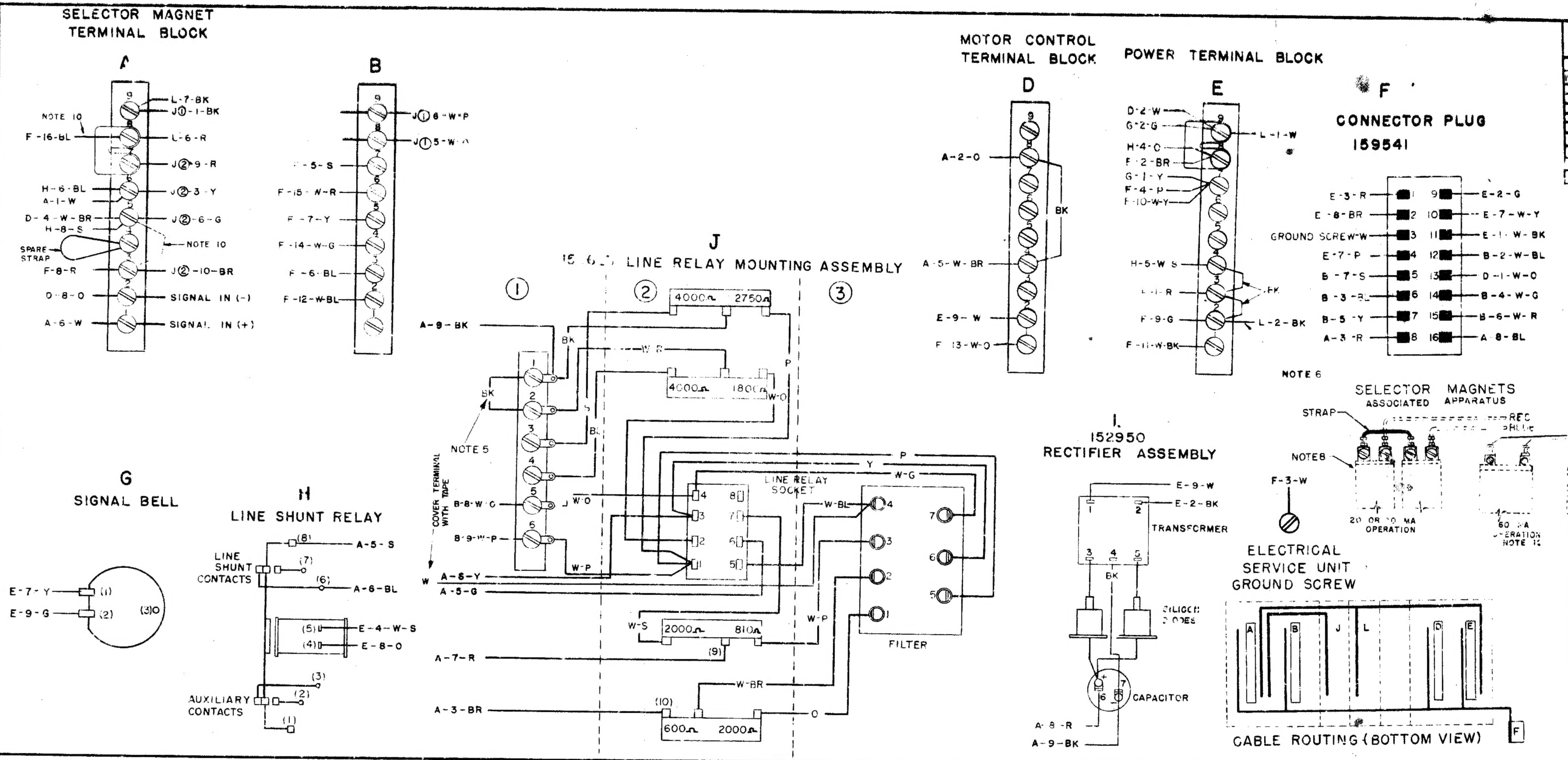
| NO | NOTES |
|---|---|
| 1. | WIRING LEGEND: A – 1 – W – BL: A = DISTANT TERMINATING AREA; 1 = DISTANT TERMINAL DESIGNATION; W – BL = WIRE COLOR CODE |
| 2. | COLOR CODE<br>BK – BLACK, BR – BROWN, R – RED, O – ORANGE, Y – YELLOW, G – GREEN, BL – BLUE, P – PURPLE, W – WHITE, S – SLATE<br>W-BK – WHITE-BLACK, W-BR – WHITE-BROWN, W-R – WHITE-RED, W-O – WHITE-ORANGE, W-Y – WHITE-YELLOW, W-G – WHITE-GREEN, W-BL – WHITE-BLUE, W-S – WHITE-SLATE |
| 3 | UNIT WIRED FOR 115 VOLTS 50 TO 60 CYCLE A.C. POWER INPUT ONLY. |
| 4 | CONNECTOR VIEWED FROM SOLDER TERMINAL END. |
| 5. | CIRCUITS SHOWN FOR .060 AMP NEUTRAL SIGNAL LINE OPERATION. FOR .020 AMP OPERATION REMOVE AND ADD CONNECTIONS AS TABULATED BELOW. |
| 6. | RECTIFIER SHOWN CONTROLLED BY POWER SWITCH. FOR CONTINUOUS OPERATION REMOVE LEAD I-2-BK FROM TERMINAL E-2 AND CONNECT TO TERMINAL E-1. |
| 7. | LINE SHUNT RELAY SHOWN CONTROLLED BY POWER SWITCH AND SHUNTING LINE RELAY COIL. |
| 8 | SELECTOR MAGNETS ARE TO BE WIRED AS SHOWN FOR 30 MILLIAMPERE OPERATION WHEN THE LINE RELAY IS USED. |
| 9. | ASSOC. CABLE NUMBERS<br>159939 CABLE ASSEM., LESU 12<br>153477 CABLE ASSEM., RECTIFIER<br>[illegible]4030 CABLE ASSEM., LINE RELAY MTG. ASSEM. |
| 10. | SELECTOR MAGNETS CAN BE CONNECTED DIRECTLY IN THE SIGNAL LINE CIRCUIT FOR NEUTRAL OPERATION AS FOLLOWS:<br>REMOVE LINE RELAY<br>20 MILLIAMPERE, 60 & 75 WPM OPERATION (OR ANY INTERMEDIATE SPEED)<br>A STRAP A5 TO A3.<br>B MOVE BLUE LEAD FROM TERMINAL A8 TO TERMINAL A6.<br>60 MILLIAMPERE, 60, 75 & 100 WPM OPERATION (OR ANY INTERMEDIATE SPEED)<br>A & B SAME AS ABOVE<br>C CHANGE WIRING ON SELECTOR MAGNETS FOR 60 MILLIAMPERE OPERATION. |

Table for note 5:

| SIGNAL LINE CURRENT | CONNECTION REMOVED | CONNECTION ADDED |
|---|---|---|
| .020 AMP | J①1 - J①2, | J①3 - J①4 |




| REVISIONS | | |
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| ISSUE | DATE | AUTH NO. |
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| B | [illegible] | 28-9413 [illegible] |
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| E | [illegible] 58 | [illegible]10443 |
| F | [illegible] 59 | 28 11726 |
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| H | 11-2-60 | [illegible] |
| J | [illegible] | [illegible] |
| K | 12-7 61 | [illegible]860 |

ACTUAL WIRING DIAGRAM MODEL 28 ELECTRICAL SERVICE UNIT. LESU 12

| APPROVALS | |
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